

22/5/5 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014419411 \*\*Image available\*\*

WPI Acc No: 2002-240114/200229

XRPX Acc No: N02-185279

**System for establishing communication across firewall , has server which establishes communication between two computers separated from communication network by firewall**

Patent Assignee: SCI APPL INT CORP (SCIT-N); STEPHENSON M M (STEP-I);

WALTERS S A (WALT-I)

Inventor: STEPHENSON M M; WALTERS S A

Number of Countries: 095 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200178349	A2	20011018	WO 2001US11706	A	20010411	200229 B
US 20020023143	A1	20020221	US 2000196096	P	20000411	200229
			US 2001824132	A	20010403	
AU 200151523	A	20011023	AU 200151523	A	20010411	200229

Priority Applications (No Type Date): US 2001824132 A 20010403; US  
2000196096 P 20000411

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200178349	A2	E	58	H04L-029/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS  
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020023143	A1		G06F-015/16	Provisional application	US 2000196096
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AU 200151523	A		H04L-029/00	Based on patent	WO 200178349
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Abstract (Basic): WO 200178349 A2

NOVELTY - Client computer (101) that are separated from communication network by **firewalls** (106,113) transmits information mutually, through a server (107) using an **encrypted address** message.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Method for transmitting information;
- (b) Computer readable medium containing stored program for transmitting information across a network

USE - For establishing communication between two computers across **firewall** in virtual private network (VPN) for providing Internet relay chat.

ADVANTAGE - Provides highly secured communication between computers by using encrypted message. Achieves efficient handling of internal data exchange functions between clients, by incorporating the server as the intermediate device.

DESCRIPTION OF DRAWING(S) - The figure shows the architecture of the communication establishment system.

Client computer (101)

**Firewalls** (106,113)

Server (107)

pp; 58 DwgNo 1/5

Title Terms: SYSTEM; ESTABLISH; COMMUNICATE; **FIREWALL** ; SERVE; ESTABLISH;

Set	Items	Description
S1	282349	ADDRESS?? OR URL? ? OR URI? ? OR UNIFORM()RESOURCE()LOCATO- R? ?
S2	7792	(IP OR INTERNET()PROTOCOL)()ADDRESS??
S3	304117	LINK? ? OR HYPERLINK? ?
S4	29535	(WEB OR INTERNET OR WWW OR HTTP OR HOME)() (PAGE? ? OR SITE? ?) OR WEBPAGE? ? OR WEBSITE? ? OR HOMEPAGE? ?
S5	223148	ENCRYPT? OR ENCIPHER? OR ENCPHER? OR ENCOD???
S6	262867	ANONYM? OR MASK??? OR HIDE? ? OR HIDING OR HIDDEN OR DISGU- IS???
S7	2105820	REWRIT??? OR CHANG??? OR ALTER??????? OR MODIF??? OR MODIFI- CATION? ?
S8	311791	SERVER? ? OR WEBSERVER? ? OR PROXY OR PROXIES OR HOST? ?
S9	4708	(FIRST OR 1ST OR PRIMARY OR ORIGINAL) (3N) (S4 OR S8)
S10	10061	(SECOND??? OR 2ND OR NEXT OR OTHER OR ANOTHER) (3N) (S4 OR S- 8)
S11	1429	S5(2N)S1:S4
S12	10973	(S6:S7 OR CLOAK???) (2N)S1:S4
S13	12951	S9:S10(2N) (S4 OR S8)
S14	161	S11:S12 AND S13
S15	1	S14 AND (FIREWALL? ? OR FIRE()WALL? ?)
S16	51	S14 AND IC=H04L
S17	31	S16 NOT AD=20000526:20030526/PR
S18	26	S17 NOT AD=20030526:20051209/PR
S19	196	ENCRYPT?(2N)S1:S2
S20	132	S19 AND IC=H04L
S21	3024	(FIREWALL? ? OR FIRE()WALL? ? OR SECURE()SERVER? ?)
S22	5	S20 AND S21
S23	60	(CLOAK??? OR DISGUIS??? OR ANONYM?) (2N)S1:S4
S24	26	S23 NOT AD=20000526:20030526/PR
S25	17	S24 NOT AD=20030526:20051209/PR
S26	17	S25 NOT (S22 OR S15 OR S18)
S27	994	S9(10N)S10
S28	12351	S1:S4(2N)S5:S7
S29	13	S27 AND S28
S30	13	S27 AND S21
S31	26	S29:S30
S32	23	S31 NOT (S22 OR S15 OR S18 OR S26)
S33	12	S32 NOT AD=20000526:20030526/PR
S34	12	S33 NOT AD=20030526:20051209/PR

File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200579

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? logoff hold

09dec05 17:08:37 User259273 Session D222.11

INDEPENDENT CLAIM is also included for data communication method.

USE - For communicating data network user terminal and host connected to different networks using data communication section, for on-line services and financial transaction over Internet.

ADVANTAGE - Secures service providers hosts so that unauthorized access to host is prevented. Does not require installation of special software on user's terminals, and allows the service provider's host to be logically and physically located at convenient spots within service provider's private network without need for installing host on DMZ network segments. Even when physically part is provided between user terminal and host, logically flow of data and session establishment, does not allow user to directly establish service session with host, thereby allows effective and efficient management of host by service provider and decreases cost associated with providing the services.

DESCRIPTION OF DRAWING(S) - The figure shows diagram of security hardware arrangement.

User terminal (2)

Host (4)

Public network (6)

pp; 36 DwgNo 2/3

Title Terms: DATA; COMMUNICATE; SYSTEM; SECONDARY; SERVE; INITIATE; COMMUNICATE; ESTABLISH; COMMUNICATE; CONTROL; SESSION; PRIMARY; SERVE; PRIMARY; SERVE; SEND; CONNECT; REQUEST; SECONDARY; SERVE

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00; G06F-015/16; H04L-029/00; H04L-029/06

International Patent Class (Additional): G06F-015/00; H04L-012/66

File Segment: EPI

34/5/6 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013913029 \*\*Image available\*\*

WPI Acc No: 2001-397242/200142

XRPX Acc No: N01-292719

**Data communication system has secondary server that initiates communication by establishing communication control session with primary server before primary server sends connection request to secondary server**

Patent Assignee: CHASE MANHATTAN BANK (CHAS-N); MORGAN CHASE BANK JP (MORG-N); JP MORGAN CHASE BANK (JPMO-N); JPMORGAN CHASE BANK (JPMO-N)

Inventor: YARBOROUGH W J; ZHUANG J J

Number of Countries: 093 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200070839	A2	20001123	WO 2000US13585	A	20000517	200142 B
AU 200052734	A	20001205	AU 200052734	A	20000517	200142
EP 1186147	A2	20020313	EP 2000937586	A	20000517	200225
			WO 2000US13585	A	20000517	
CN 1364374	A	20020814	CN 2000810594	A	20000517	200280
JP 2003500711	W	20030107	JP 2000619174	A	20000517	200314
			WO 2000US13585	A	20000517	
US 6718388	B1	20040406	US 99314482	A	19990518	200425
AU 770584	B2	20040226	AU 200052734	A	20000517	200459

Priority Applications (No Type Date): US 99314482 A 19990518

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200070839	A2	E	36	H04L-029/00
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH  
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200052734	A		H04L-029/00	Based on patent WO 200070839
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EP 1186147	A2	E	H04L-029/06	Based on patent WO 200070839
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

CN 1364374	A		H04L-029/06	
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JP 2003500711	W	32	G06F-013/00	Based on patent WO 200070839
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US 6718388	B1		G06F-015/16	
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AU 770584	B2		H04L-029/00	Previous Publ. patent AU 200052734
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Based on patent WO 200070839

Abstract (Basic): WO 200070839 A2

NOVELTY - Primary server coupled to public network (6), receives session establishment request from user terminal (2) and generates corresponding connection request. **Secondary server** coupled to **primary server**, establishing communication with host (4) based on the request, initiates communications by establishing communication control session with primary server before the primary server sends connection request.

DETAILED DESCRIPTION - The internal **fire wall** and external **fire wall** are coupled between **primary** and **secondary server** and between public network and **primary server** respectively. The internal **fire wall** denies all communication control section establishment request other than those communication control session establishment request which originate from secondary server. An

DESCRIPTION OF DRAWING(S) - The drawing is a simplified diagram of a computer network embodying the invention.

**firewall** (203)

**firewall** (205)

authentication server (208)

second authentication server (210)

pp; 21 DwgNo 2/3

Title Terms: COMPUTER; NETWORK; AUTHENTICITY; AUTHORISE; USER; ACCESS;  
NETWORK; COMPUTER; SYSTEM; SERVE; FIRST; SUB; NETWORK; PASS; AUTHENTICITY  
; REQUEST; THROUGH; SECOND; ENCRYPTION; PROTOCOL

Derwent Class: T01; W01

International Patent Class (Main): G06F-001/00; G06F-015/173; H04L-029/06

File Segment: EPI

34/5/5 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013999291 \*\*Image available\*\*

WPI Acc No: 2001-483506/200152

XRPX Acc No: N01-357878

**Computer network for authenticating and authorizing users accessing network of computer systems has server of first sub-network that passes at least some authentication requests through second encrypted protocol handler**

Patent Assignee: SUN MICROSYSTEMS INC (SUNM )

Inventor: LIMSICO C T

Number of Countries: 095 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200157626	A2	20010809	WO 2001US2353	A	20010124	200152 B
AU 200131123	A	20010814	AU 200131123	A	20010124	200173
EP 1252752	A2	20021030	EP 2001903287	A	20010124	200279
			WO 2001US2353	A	20010124	
US 6662228	B1	20031209	US 2000495565	A	20000201	200381

Priority Applications (No Type Date): US 2000495565 A 20000201

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200157626	A2	E	21	G06F-001/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200131123	A			G06F-001/00	Based on patent WO 200157626
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EP 1252752	A2	E		H04L-029/06	Based on patent WO 200157626
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

US 6662228	B1			G06F-015/173	
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Abstract (Basic): WO 200157626 A2

NOVELTY - A communications channel connects a **firewall** (205) of a first sub-network through a first encrypted protocol handler to a second authentication server (208). A second encrypted protocol passes information between the communications channel and a **second authentication server** (210). The **server** of the **first** sub-network passes at least some authentication requests through the second encrypted protocol handler, the **firewall**, the communications channel, and the first encrypted protocol handler to the second authentication server.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for:

(a) a method of authenticating a user and authorizing access to a computer network

USE - For authenticating and authorizing users by an authentication server referenced by the computer system or network of computer systems with encrypted communications over an insecure channel.

ADVANTAGE - Use of hypertext transfer protocol secure (HTTPS) encrypting/decrypting protocol handlers is particularly convenient because these are built into available browsers that also serve as terminal software for allowing an administrator to interact with the system. Further, HTTPS keys and certificates are well defined and easily administered.

Title Terms: DISTRIBUTE; COMPUTATION; SYSTEM; SECURE; ACCESS; PROMOTE;  
CONTINUE; SECURE; SOCKET; LAYER; COMMUNICATE; CLIENT; BORDER; SERVE;  
MODIFIED; NON; SECURE; SECURE; RESOURCE; LOCATE  
Derwent Class: T01; W01  
International Patent Class (Main): **H04L-009/32**  
International Patent Class (Additional): G06F-013/38  
File Segment: EPI

18/5/16 (Item 5 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013445922 \*\*Image available\*\*  
WPI Acc No: 2000-617865/200059  
Related WPI Acc No: 2003-863088; 2004-281391  
XRPX Acc No: N00-457783

**Distributed computed system for secure intranet access, promotes continued use of secure sockets layer communication, between client and border server, by modifying non-secure to secure resource locators**

Patent Assignee: NOVELL INC (NOVE-N)  
Inventor: EBRAHIMI H M; SUBRAMANIAM A  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6081900	A	20000627	US 99268795	A	19990316	200059 B

Priority Applications (No Type Date): US 99268795 A 19990316

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6081900	A	13	H04L-009/32	

Abstract (Basic): US 6081900 A

NOVELTY - A user authentication system (126) located partially in secure network, allows direct access with target server (104) by user, if user is authenticated. A uniform resource locator ( URL ) transformer (108) modifies non-secure to secure URLs, provided in data sent from target server to multi-user client (112), for promoting secure sockets layer communication between multiuser client and border server (106).

DETAILED DESCRIPTION - Border server which is coupled to target server by intranet, is provided in secure network (100). The multi-user client is coupled to border server by TCP/IP link to secure sockets layer communication. Uniform resource location transformer is located in border and target servers, for tunneling software between client and target server through border server. INDEPENDENT CLAIM is also included for the following:

- (a) method for providing access to secure network;
- (b) computer storage medium for storing method of providing access to secure network

USE - In computer network security of distributed computer e.g. LAN, WAN, Internet, Intranet, etc.

ADVANTAGE - Provides a user who is presently at client outside the perimeter of secure network with convenient, efficient and secure address to data stored on a server located within secure network. Thus providing secure transmission of confidential data between target server and external client. Improves continued use of secure communication irrespective of inherent security problems caused by lack of state information in HTTP. Secures requirements from one **web page** to **next** without some assistance. Provides security without requiring installation of new client or target server software.

DESCRIPTION OF DRAWING(S) - The figure shows the communication between secure network and client outside the network.

Network (100)  
Target server (104)  
Border server (106)  
URL transformer (108)  
Multi-user client (112)  
User authentication system (126)  
pp; 13 DwgNo 1/4



35/5/10 (Item 1 from file: 111)  
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)  
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06532636 Supplier Number: 65256959  
**Undercover buying, fake names and all: for the privacy-minded, disguised  
addresses and credit-card numbers.**  
Slatella, Michelle  
New York Times , Thu ed, col 1, D4(N) pG4(L)  
Sept 14, 2000  
ISSN: 0362-4331 LANGUAGE: English RECORD TYPE: Citation  
COLUMN LENGTH: 35 col in

COMPANY NAMES: Amazon.com Inc.--Social policy; Ecount--Services  
DESCRIPTORS: Privacy, Right of--Services; Online services--Social policy;  
Online shopping--Records and correspondence  
GEOGRAPHIC CODES/NAMES: 1USA United States  
PRODUCT NAMES: 4811524 (Teleshopping Services); 4811520 (Online Services)  
SIC CODES: 4822 Telegraph & other communications  
SIC CODES (NAICS): 514199 All Other Information Services; 514191  
On-Line Information Services  
TICKER SYMBOLS: AMZN  
FILE SEGMENT: NNI File 111

28/5/15 (Item 15 from file: 2)

DIALOG(R) File 2:INSPEC

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06306137 INSPEC Abstract Number: B9608-6210L-039, C9608-6150N-019

**Title: WWW access to legacy client/ server applications**

Author(s): Dossick, S.E.; Kaiser, G.E.

Author Affiliation: Dept. of Comput. Sci., Columbia Univ., New York, NY, USA

Journal: Computer Networks and ISDN Systems Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol.28, no.7-11 p.931-40

Publisher: Elsevier,

Publication Date: May 1996 Country of Publication: Netherlands

CODEN: CNISE9 ISSN: 0169-7552

SICI: 0169-7552(199605)28:7/11L.931:ALCS;1-D

Material Identity Number: I876-96005

U.S. Copyright Clearance Center Code: 0169-7552/96/\$15.00

Conference Title: Fifth International World Wide Web Conference

Conference Date: 6-10 May 1996 Conference Location: Paris, France

Document Number: S0169-7552(96)00023-2

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: We describe a method for accessing client/ **server** applications from standard World Wide Web browsers. An existing client for the system is modified to perform HTTP **proxy** duties. Web browser users simply configure their browsers to use this HTTP **proxy**, and can then access the system via specially **encoded URLs** that the HTTP **proxy** intercepts and sends to the legacy **server** system. An example implementation using the Oz Process Centered Software Development Environment is presented. (18 Refs)

Subfile: B C

Descriptors: client- **server** systems; hypermedia; information retrieval; Internet

Identifiers: WWW access; legacy client/ **server** applications; standard World Wide Web browsers; HTTP **proxy** duties; Web browser users; **encoded URLs**; legacy **server** system; Oz Process Centered Software Development Environment

Class Codes: B6210L (Computer communications); C6150N (Distributed systems software); C5620W (Other computer networks); C7250R (Information retrieval techniques); C5620L (Local area networks); C6130M (Multimedia); C6160Z (Other DBMS)

Copyright 1996, IEE

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File 144:Pascal 1973-2005/Nov W4  
(c) 2005 INIST/CNRS  
File 239:Mathsci 1940-2005/Jan  
(c) 2005 American Mathematical Society  
File 256:TecInfoSource 82-2005/Feb  
(c) 2005 Info.Sources Inc  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 474:New York Times Abs 1969-2005/Dec 09  
(c) 2005 The New York Times  
File 475:Wall Street Journal Abs 1973-2005/Dec 09  
(c) 2005 The New York Times  
? logoff hold  
09dec05 16:30:32 User259273 Session D222.7

Set	Items	Description
S1	891674	ADDRESS?? OR URL? ? OR URI? ? OR UNIFORM()RESOURCE()LOCATOR? ?
S2	3147	(IP OR INTERNET()PROTOCOL)()ADDRESS??
S3	657699	LINK? ? OR HYPERLINK? ?
S4	537834	ENCRYPT? OR ENCIPHER? OR ENCYpher? OR ENCOD???
S5	370961	ANONYM? OR MASK??? OR HIDE? ? OR HIDING OR HIDDEN OR DISGUIST???
S6	9115644	REWRIT??? OR CHANG??? OR ALTER??????? OR MODIF??? OR MODIFICATION? ?
S7	760476	SERVER? ? OR WEBSEVER? ? OR PROXY OR PROXIES OR HOST? ?
S8	134782	(WEB OR INTERNET OR WWW OR HTTP OR HOME)() (PAGE? ? OR SITE? ?) OR WEBPAGE? ? OR WEBSITE? ? OR HOMEPAGE? ?
S9	11584	(FIRST OR 1ST OR PRIMARY OR ORIGINAL) (3N) (S7 OR S8)
S10	21642	(SECOND??? OR 2ND OR NEXT OR OTHER OR ANOTHER) (3N) (S7 OR S8)
S11	10067	FIREWALL? ? OR FIRE()WALL? ?
S12	1019067	S1:S2 OR S8
S13	11975	S12(3N)S4:S6
S14	7	S9 AND S10 AND S13
S15	863	S4(3N)S1:S2
S16	9961	S5:S6(3N)S1:S2
S17	36	S15:S16 AND S11
S18	30	RD (unique items)
S19	23	S18 NOT PY=2001:2005
S20	635	S4(2N)S1:S2
S21	30	S20 AND S7:S11
S22	7328	S5:S6(2N)S1:S2
S23	137	S22(10N)S7:S11
S24	167	S21 OR S23
S25	129	RD (unique items)
S26	71	S25 NOT PY=2001:2005
S27	46	S26 NOT RD=20000526:20051209
S28	42	S27 NOT (S14 OR S19)
S29	145	(ENCRYPT? OR ANONYM?) (2N)S1:S2
S30	115	RD (unique items)
S31	71	S30 NOT PY=2001:2005
S32	61	S31 NOT RD=20000526:20051209
S33	54	S32 NOT (S14 OR S19 OR S28)
S34	20	(CLOAK??? OR DISGUIST???) (2N) (S1:S2 OR S8)
S35	14	RD (unique items)
File	2:INSPEC 1898-2005/Nov W4	(c) 2005 Institution of Electrical Engineers
File	6:NTIS 1964-2005/Nov W4	(c) 2005 NTIS, Intl Cpyrght All Rights Res
File	8:Ei Compendex(R) 1970-2005/Nov W4	(c) 2005 Elsevier Eng. Info. Inc.
File	23:CSA Technology Research Database 1963-2005/Nov	(c) 2005 CSA.
File	34:SciSearch(R) Cited Ref Sci 1990-2005/Dec W1	(c) 2005 Inst for Sci Info
File	35:Dissertation Abs Online 1861-2005/Nov	(c) 2005 ProQuest Info&Learning
File	65:Inside Conferences 1993-2005/Dec W1	(c) 2005 BLDSC all rts. reserv.
File	94:JICST-EPlus 1985-2005/Oct W1	(c)2005 Japan Science and Tech Corp(JST)
File	99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct	(c) 2005 The HW Wilson Co.
File	111:TGG Natl.Newspaper Index(SM) 1979-2005/Dec 08	

26/5/9 (Item 3 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013558047 \*\*Image available\*\*  
WPI Acc No: 2001-042254/200106  
XRPX Acc No: N01-031686

**Internet user system and method for anonymous access to Internet to access services offered by content providers allows user to pay for user selected merchandise made available through those sites anonymously**  
Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: DOEBERL T M; GILLESPIE E J; MACDONALD M F; MARTIN J A; PARKOS M P ; PORTER P M; PRAKASH S

Number of Countries: 026 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1033854	A2	20000906	EP 2000104427	A	20000303	200106 B
CA 2299948	A1	20000904	CA 2299948	A	20000303	200106

Priority Applications (No Type Date): US 99261102 A 19990304

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 1033854	A2	E	8 H04L-029/06	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

CA 2299948	A1	E	H04L-012/16
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Abstract (Basic): EP 1033854 A2

NOVELTY - The method provides a user with anonymous access to the Internet to access services offered by Internet content providers and allows the user to pay for his or her user selected mechanize made available through those sites also **anonymously** without the **Internet site** operator learning the identity of the user who ordered the merchandise.

DETAILED DESCRIPTION - An independent claim describes a method for enabling a client using an alias to access service over the Internet.

USE - For providing a system and a method for anonymous access to the Internet to access services offered by the content providers.

ADVANTAGE - Allows the Internet user to visit sites on the Internet anonymously and to pay for mechanize made available through those sites **anonymously** without the **Internet site** operator learning the identity of the user who ordered the merchandise.

DESCRIPTION OF DRAWING(S) - The drawing shows a data flow diagram illustrating the various communications over the Internet.

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Title Terms: USER; SYSTEM; METHOD; ACCESS; ACCESS; SERVICE; OFFER; CONTENT; ALLOW; USER; PAY; USER; SELECT; MERCHANDISE; MADE; AVAILABLE; THROUGH; SITE

Derwent Class: W01

International Patent Class (Main): H04L-012/16; H04L-029/06

International Patent Class (Additional): G06F-017/60; H04L-012/12

File Segment: EPI

COMMUNICATE; TWO; COMPUTER; SEPARATE; COMMUNICATE; NETWORK; **FIREWALL**  
Derwent Class: T01; W01  
International Patent Class (Main): G06F-015/16; **H04L-029/00**  
File Segment: EPI